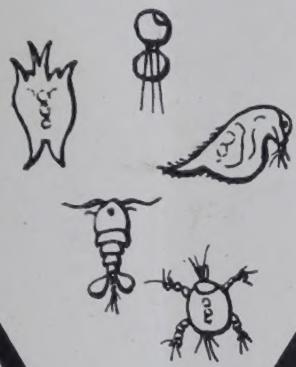
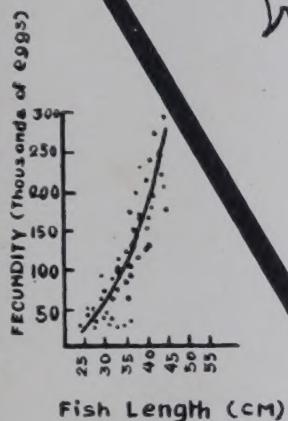
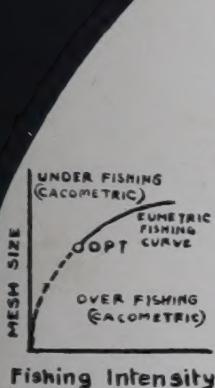


# Bibliography of Indian Fisheries



CENTRAL INLAND FISHERIES RESEARCH INSTITUTE  
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## I. ENTRIES

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 Occurrence of the Brine-shrimp, Artemia salina, in Karsewar island off Tuticorin, Gulf of Mannar. Indian J. Fish., 18 (1 & 2): 196-198. 6 ref.

135. Annigeri, G.G. 1971  
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 Estimation of mortality rates of the oil sardine, Sardinella longiceps Val. Ibid, : 18 (1 & 2): 109-113  
 Mortality rates of oil sardine, using Beverton and Holt's method, have been estimated. Natural and fishing mortality rates of the fish have also been discussed. 6 ref.

136. Anon 1973  
 Finding fish. Yojana, 17 (5) : 229 p.

137. Antony Raja, B.T. 1971  
 (Central Marine Fisheries Research Institute, Sub-station, Karwar).  
 Fecundity fluctuations in the oil-sardine, Sardinella longiceps Val. Indian J. Fish., 18 (1 & 2): 84-98  
 The author is of the opinion that fluctuation in the fishery of juveniles of S. longiceps is directly related to the fluctuations in fecundity. An average of 27,000 to 57,000 ova are produced by individual fish and about 10% of the ova are lost due to follicular breakdown as reported by the author. 17 ref.

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Merits and demerits of different boat-building materials as well as a comparative account of their costs have been presented.

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(1. Department of Zoology, Nagpur University, Nagpur.

2. Division of Experimental Medicine, Central Drug Research Institute, Lucknow (India).

Effects of hypophysectomy and goitrogen treatment on ovarian compensatory hypertrophy in Clarias batrachus L. Indian J. Zoot., 10(3, Part-1): 97-106

The effects of hypophysectomy and thiourea treatment in hemi-ovariectomised catfish C. batrachus have been discussed. The hemi-ovariectomy results in an acceleration in the growth and maturation of the oocytes in the remaining ovary as reported by the authors. Free cholesterol is reduced with an increase of cholesterol esters in the ovary. Effects of HO on the pituitary gland have also been discussed. 39 ref.

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On the collection of young bill fishes from Vizhingam. Indian J. Fish., 18(1 & 2):177-179

Describes the young bill fishes collected from Vizhingam. The fishes are tentatively assigned to the genus Tetrapurus by the author. 6 ref.

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Gives an account of quantitative and qualitative distribution of the plankton off Port Okha. 13 ref.

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Preservation of cotton fish-net twines by tanning II. Fixation of tannin. Fish. Technol., 10(1):24-32.

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Morphology, anatomy and different systems of C. mrigala have been described. Spawning and development of the fish have also been dealt with. 52 ref.

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 (Post graduate Dept. of Botany, Nagpur University Campus, Nagpur-10. <sup>2</sup>Botany Dept. Institute of Science, Bombay-32).  
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On an unusual abundance of Pseudosciaena  
diacanthus (Lacepede) off Goa. Indian J. Fish.,  
18(1 & 2):191-193.

From the observation of unusually large langings of P. diacanthus in November 1964 and September-October, 1965 off Goa the author has discussed the possibilities of finding out a new fishing ground for the species in the deeper region along the Goa coast. 3 ref.

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 Demonstration of pituitary-gonad interrelationship:  
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(<sup>1</sup>Department of Zoology, Mansa Gangotri, University of Mysore, Mysore-6, India. <sup>2</sup>Department of Zoology Karnataka University, Dharwar-3, India).

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The paper is an attempt at assessing the role of adrenals in ovulation and spawning. 11 ref.

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 (<sup>1</sup>Retd. Scientist (Formerly Prof. of Parasitology)  
<sup>2</sup>Junior Research Fellow, Central Drug Research Institute, Lucknow, U.P.)  
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 (<sup>1</sup>Co-ordinated Project on Air-Breathing Fishes, Central Inland Fisheries Research Institute, Bhadra Reservoir Project, Shimoga Dist. Mysore State.  
<sup>2</sup>Central Inland Fisheries Research Unit, 19A, Patel Road, Madras-11, Tamil Nadu. <sup>3</sup>Co-ordinated Project on Reservoir Fisheries, Central Inland Fisheries Research Institute, Bhavanisagar, Tamil Nadu. <sup>4</sup>Regional Research Laboratory, Jorhat, Assam).  
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<sup>2</sup>Department of Chemistry, Agra College, Agra ).

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 (<sup>1</sup>Fisheries Development Officer Kota. <sup>2</sup>Department of Zoology, Government College, Kota, Rajasthan).  
 Comparative effects of aureomycin, B-complex and yeast on survival rate of common carp, Cyprinus carpio L. from three days to 25 days of life. Proc. Indian Acad. Sci., 77(3):109-115.

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Distributional records of different species of fish collected from the south-east coast of India have been dealt with. Some species of fish, not recorded so far from Madras coast, have also been described in this paper which also deals with description of a new species as reported by the authors. 9 ref.

201. Tilak Raj 1967  
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